



2747 684-2731  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 99,096)

In the Application of:

Naudus, et al. )  
Serial No. 09/429,716 )  
Filed: October 29, 1999 )  
For: Apparatus and Method for Processing )  
Encrypted Packets in a Computer )  
Network Device )

RECEIVED  
APR 11 2000  
Before the Examiner:  
Group 2700

Group Art Unit: 2731

MAILED  
APR 17 2000  
Group 2700

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**TRANSMITTAL LETTER**

In regard to the above identified application:

1. We are transmitting herewith the attached papers for the above identified new patent application:
  - Information Disclosure Statement;
  - Information Disclosure Statement (IDS) PTO-1449 Form;
  - Copies of IDS Citations for 09/429,716 (Total 3 patents and 15 other documents); and
  - Return Receipt Postcard.
2. With respect to additional fees:
  - No additional fee is required.
3. GENERAL AUTHORIZATION: Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Asst. Commissioner for Patents, Washington, D.C. 20231 on this 6th day of April, 2000.

By:

*Vernon W. Francissen*  
Vernon W. Francissen  
Reg. No. 41,762

McDONNELL BOEHNEN HULBERT & BERGHOFF  
300 SOUTH WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
TELEPHONE (312) 913-0001  
FACSIMILE: (312) 913-0002



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
(Case No. 99,096) AP

RECEIVED

APR 11 2000

## Group 2700

MAILED

APR 17 2000

## Group 2700

In the Application of:  
Naudus, et al.  
Serial No. 09/429,716  
Filed: October 29, 1999  
For: Apparatus and Method  
Encrypted Packets  
Network Device

### Before the Examiner:

Group Art Unit: 2731

Serial No. 09/429,716

Filed: October 29

Filed: October 29, 1999

## For: Apparatus and Me

## Encrypted Packets in a Computer Network Device

## Network Device

## Assistant Commissioner for Patents

Washington, D.C. 20231

## INFORMATION DISCLOSURE STATEMENT

ASST. COMMISSIONER FOR PATENTS  
Washington, D.C. 20231-9999

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully

RECEIVED  
complied with. This is requested so that each document becomes listed on the face of the patent  
APR 11 2000  
issuing on the present application.

**Group 2700**

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103.

MAILED

APR 17 2000

**Group 2700**

**U.S. Patent Documents**

Document Number							Issue Date	Name	Class	Subclass	Filing Date if Appropriate
5	5	2	8	5	9	5	06/18/96	Walsh et al.	370	85.13	11/14/95
5	4	3	8	6	1	4	08/01/95	Rozman et al.	379	93	05/25/94
5	5	7	7	1	0	5	11/19/96	Baum et al.	379	93	03/11/94

**Other Documents (Including Author, Title, Date, Pertinent Pages, Etc).**

No.	
1	P. Sris, K. Eg, The IP Network Address Translator (NAT), Transport Working Group, Internet Draft, "<draft-rfced-info-srisuresh-05.txt>," February 1998, Pgs. 1 to 24.
2	W. Townsley, A. Valencia, A. Rubens, G. Pall, G. Zorn, B. Palter, Layer Two Tunneling Protocol "L2TP", Network Working Group, RFC 2661, August 1999, Pgs. 1 to 80.
3	W. Simpson, The Point-to-Point Protocol (PPP), Network Working Group, RFC 1661, July 1994, Pgs. 1 to 52.
4	H. Schulzrinne, S. Casner, R. Frederick, V. Jacobson, RTP: A Transport Protocol for Real-Time Applications, Network Working Group, RFC 1889, January 1996, Pgs. 1 to 75.

RECEIVED

MAILED

APR 11 2000

APR 17 2000

Group 2700

No.	
5	"Data Communication Over the Telephone Network: 2400 Bits Per Second Duplex Modem Using the Frequency Division Technique Standardized for Use on the General Switched Telephone Network and on Point-to-Point 2-Wire Leased Telephone-Type Circuits", Recommendation V.22 bis, International Telecommunication Union, 1993, Pgs. 1 to 18.
6	"Infrastructure of audiovisual services – Systems and terminal equipment for audiovisual services: Terminal for low bit-rate multimedia communication", Recommendation H.324, International Telecommunication Union, February 1998, Pgs. 1 to 49.
7	"Data Communication Over the Telephone Network: A Modem Operating at Data Signalling Rates of Up to 28 800 bits/s for Use on the General Switched Telephone Network and on Leased Point-to-Point 2-Wire Telephone-Type Circuits", Recommendation V.34, International Telecommunication Union, September 1994, Pgs. 1 to 63.
8	"Line Transmission of Non-Telephone Signals: Call Signaling Protocols and Media Stream Packetization for Packet Based Multimedia Communication Systems", Recommendation H.225.0, Version 2, International Telecommunication Union, March 25, 1997, Pgs. 1 to 145.
9	"Infrastructure of audiovisual services – Systems and terminal equipment for audiovisual services: Packet-based multimedia communications systems", Recommendation H.323, International Telecommunication Union, February 1998, Pgs. 1 to 114.
10	S. Kent, R. Atkinson, IP Authenticator Header, Network Working Group, RFC 2402, November 1998, Pgs. 1 to 40.
11	R. Calhoun, M. Townsley, Layer Two Tunneling Protocol "L2TP", PPP Working Group, Internet Draft, "<draft-ietf-pppext-12tp-sec-04.txt>", July 1998, Pgs. 1 to 24.
12	S. Kent, R. Atkinson, IP Encapsulating Security Payload (ESP), Network Working Group, RFC 2406, November 1998, Pgs. 1 to 42.
13	"General Aspects of Digital Transmission Systems: Terminal Equipments: Pulse Code Modulation (PCM) of Voice Frequencies", Recommendation G.711, International Telecommunication Union, 1993, Pgs. 1 to 10.
14	"General Aspects of Digital Transmission Systems: Coding of speech at 8 kbit/s Using Conjugate-Structure Algebraic-Code-Excited Linear-Prediction (CS-ACELP)", Recommendation G.729, International Telecommunication Union, March, 1996, Pgs. 1 to 35.
15	S. Kent, R. Atkinson, Security Architecture for the Internet Protocol, Network Working Group, RFC 2401, November 1998, Pgs. 1 to 66.

Respectfully submitted,

McDonnell Boehnen Hulbert &amp; Berghoff

Date: April 6, 2000

By:



Vernon W. Francissen  
Registration No. 41,762

FORM PTO-1449  
(Rev. 2-32)U. S. Department of Commerce  
Patent and Trademark Office

RECEIVED

Atty. Docket No.  
APR 11 2000  
99,096  
Group 2700

Serial No.

09/420,716  
MAILED

APR 17 2000

Applicant:  
Stanley T. Naudus, Vijay Nadkarni  
and Thomas A. Gentles  
Group 2700Filing Date:  
April 6, 2000Group:  
2731INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several Sheets is Necessary)

## U. S. PATENT DOCUMENTS

Examiner Initials	Document Number							Date	Name	Class	Subclass	Filing Date if Appropriate
CH	5	5	2	8	5	9	5	06/18/96	Walsh et al.	370	85.13	11/14/95
CH	5	4	3	8	6	1	4	08/01/95	Rozman et al.	379	93	05/25/94
CH	5	5	7	7	1	0	5	11/19/96	Baum et al.	379	93	03/11/94

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No



RECEIVED

Sheet 2 of 3

APR 11 2000

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc). **MAILED**  
**Group 2700**

Examiner's Initials	Date	No.		APR 17 2000
		1	P. Sris, K. Eg, The IP Network Address Translator (NAT), Transport Working Group, Internet Draft, "<draft-rfcd-info-srisuresh-05.txt>", February 1998, Pgs. 1 to 24.	Group 2700
		2	W. Townsley, A. Valencia, A. Rubens, G. Pall, G. Zorn, B. Palter, Layer Two Tunneling Protocol "L2TP", Network Working Group, RFC 2661, August 1999, Pgs. 1 to 80.	
		3	W. Simpson, The Point-to-Point Protocol (PPP), Network Working Group, RFC 1661, July 1994, Pgs. 1 to 52.	
		4	H. Schulzrinne, S. Casner, R. Frederick, V. Jacobson, RTP: A Transport Protocol for Real-Time Applications, Network Working Group, RFC 1889, January 1996, Pgs. 1 to 75.	
		5	"Data Communication Over the Telephone Network: 2400 Bits Per Second Duplex Modem Using the Frequency Division Technique Standardized for Use on the General Switched Telephone Network and on Point-to-Point 2-Wire Leased Telephone-Type Circuits", Recommendation V.22 bis, International Telecommunication Union, 1993, Pgs. 1 to 18.	
		6	"Infrastructure of audiovisual services – Systems and terminal equipment for audiovisual services: Terminal for low bit-rate multimedia communication", Recommendation H.324, International Telecommunication Union, February 1998, Pgs. 1 to 49.	
		7	"Data Communication Over the Telephone Network: A Modem Operating at Data Signalling Rates of Up to 28 800 bits/s for Use on the General Switched Telephone Network and on Leased Point-to-Point 2-Wire Telephone-Type Circuits", Recommendation V.34, International Telecommunication Union, September 1994, Pgs. 1 to 63.	
		8	"Line Transmission of Non-Telephone Signals: Call Signaling Protocols and Media Stream Packetization for Packet Based Multimedia Communication Systems", Recommendation H.225.0, Version 2, International Telecommunication Union, March 25, 1997, Pgs. 1 to 145.	
		9	"Infrastructure of audiovisual services – Systems and terminal equipment for audiovisual services: Packet-based multimedia communications systems", Recommendation H.323, International Telecommunication Union, February 1998, Pgs. 1 to 114.	
		10	S. Kent, R. Atkinson, IP Authenticator Header, Network Working Group, RFC 2402, November 1998, Pgs. 1 to 40.	
		11	R. Calhoun, M. Townsley, Layer Two Tunneling Protocol "L2TP", PPP Working Group, Internet Draft, "<draft-ietf-pppext-12tp-sec-04.txt>", July 1998, Pgs. 1 to 24.	
		12	S. Kent, R. Atkinson, IP Encapsulating Security Payload (ESP), Network Working Group, RFC 2406, November 1998, Pgs. 1 to 42.	

APR 10 2000

RECEIVED

Sheet 3 of 3

Examiner's Initials	Date	No.	APR 11 2000
		13	"General Aspects of Digital Transmission Systems: Terminal Equipments: Pulse Code Modulation (PCM) of Voice Frequencies", Recommendation G.711, International Telecommunication Union, 1993, Pgs. 1 to 10. <b>Group 2700</b>
		14	"General Aspects of Digital Transmission Systems: Coding of speech at 8 kbit/s Using Conjugate-Structure Algebraic-Code-Excited Linear-Prediction (CS-ACELP)", Recommendation G.729, International Telecommunication Union, March, 1996, Pgs. 1 to 35.
		15	S. Kent, R. Atkinson, Security Architecture for the Internet Protocol, Network Working Group, RFC 2401, November 1998, Pgs. 1 to 66.
EXAMINER CHUONG	DATE CONSIDERED		09/06/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered. Include copy of this form with next communication.

MAILED  
APR 17 2000  
**Group 2700**